

# AQUASOL DIGITAL

## WaterProof Hand Held TDS meter



Kindly inspect the equipment for any signs of damage and verify that you have received all the equipments.

### Calibration

1. Remove the protection cap from meter to rinse the electrode with clean water and wipe it dry and replace protective cap at end of usage.
2. Take a Standard solution at 25°C. Dip the electrode into the standard solution & stir gently until the display is stabilized. Adjust the reading by turning the trimmer (Span) in the battery compartment located on top of the meter with a screw driver.

### Note

1. Calibration is not necessary before each usage, but it should be performed every two weeks or after 10 times of usage.
2. Don't touch or wipe the surface of inner black sensor of conductivity cell.
3. Change a new battery when the display fades or flashes.

### Measurement

1. After calibration, rinse the electrode with clean water and wipe it dry. Dip the electrode into sample solution to be measured. Stir gently and wait until a stable reading can be obtained.
2. After measurement, rinse the electrode with clean water and replace protective cap.

### Note

For AM-TDS-01 readings should be multiplied by a factor 10 for the TDS Value.

### Maintenance

#### Battery replacement

1. Loosen the battery compartment counterclockwise.
2. Remove the old Lithium battery CR2032 and note polarity.
3. Replace the battery according to the polarity & close the battery compartment cap tightly.

#### Electrode replacement

1. Unscrew the electrode collar clockwise, and remove it completely.
2. Pull the electrode module out from the tester.
3. Plug in new electrode module into the tester socket carefully.
4. Replace and tighten the electrode collar to make a good seal.